

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001451**Date Inspected:** 16-Jan-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes	No	N/A	
<b>Electrode to specification:</b>	Yes	No	N/A	
<b>Qualified Welders:</b>	Yes	No	N/A	
<b>Approved Drawings:</b>	Yes	No	N/A	
		<b>Rod Oven in Use:</b>	Yes	No
		<b>Weld Procedures Followed:</b>	Yes	No
		<b>Verified Joint Fit-up:</b>	Yes	No
		<b>Approved WPS:</b>	Yes	No
		<b>Delayed / Cancelled:</b>	Yes	No

**Bridge No:** 34-0006**Component:** Caltrans mock up**Summary of Items Observed:**

Caltrans Quality Assurance (QA) Inspector, Dan Hernandez was present to observe the fit up, welding and related activities associated with the fabrication of the San Francisco Oakland Bay Self Anchored Suspension Bridge at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

89 meter tower mock up

Caltrans QA Inspector performed 100% QA Magnetic Particle (MT) Verification of root pass on weld joints MUB-MA21 G/J 62, p1009 to p138 and MUB-MA21 G/J 66, p957 to p842 of 89m tower mock up. QC MT was performed and accepted by Zhon Dong Yu. QA Inspector found weld joints to be in compliance with AWS D1.5 2002 section 6.26.2.1 and 6.26.2.3.



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## WELDING INSPECTION REPORT

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### Summary of Conversations:

As identified within the contents of this report.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Hernandez,Dan
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Quality Assurance Inspector
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<b>Reviewed By:</b>	Cuellar,Robert
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QA Reviewer
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